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I am a bit of a mixture of cultures. My mum is Egyptian English (Her parents/my grandfather is Egyptian and my Grandma is English) and on my dad’s side, His parents were from Greek/Turkish origins.   
I am an avid sports fan. I love Motorsport/Cars first and foremost. I am a huge Ford fan. I own a GT Falcon. I follow the Brisbane Lions in the AFL. I enjoy most ball sports and enjoying watching and participating in sport.

My interest in IT began when I realised the capabilities of computers. It was only then I realised I had only scratched the surface of computing and programming after begging the Intro to IT.

My parents first bought our family a computer when I was about 12 years old. I remember we had Encarta Encyclopedia; I used to pick random topics and just read and watch videos all night long. That is my fondest memory of my first computer.

There wasn’t really an event or moment that sparked my interest, it was more my fascination at how this box with cords hanging out, could do so much. It could allow you to communicate with people around the world. Watch sporting events, read news stories. It was when I was introduced to the Internet in 1996 that my interest peaked.

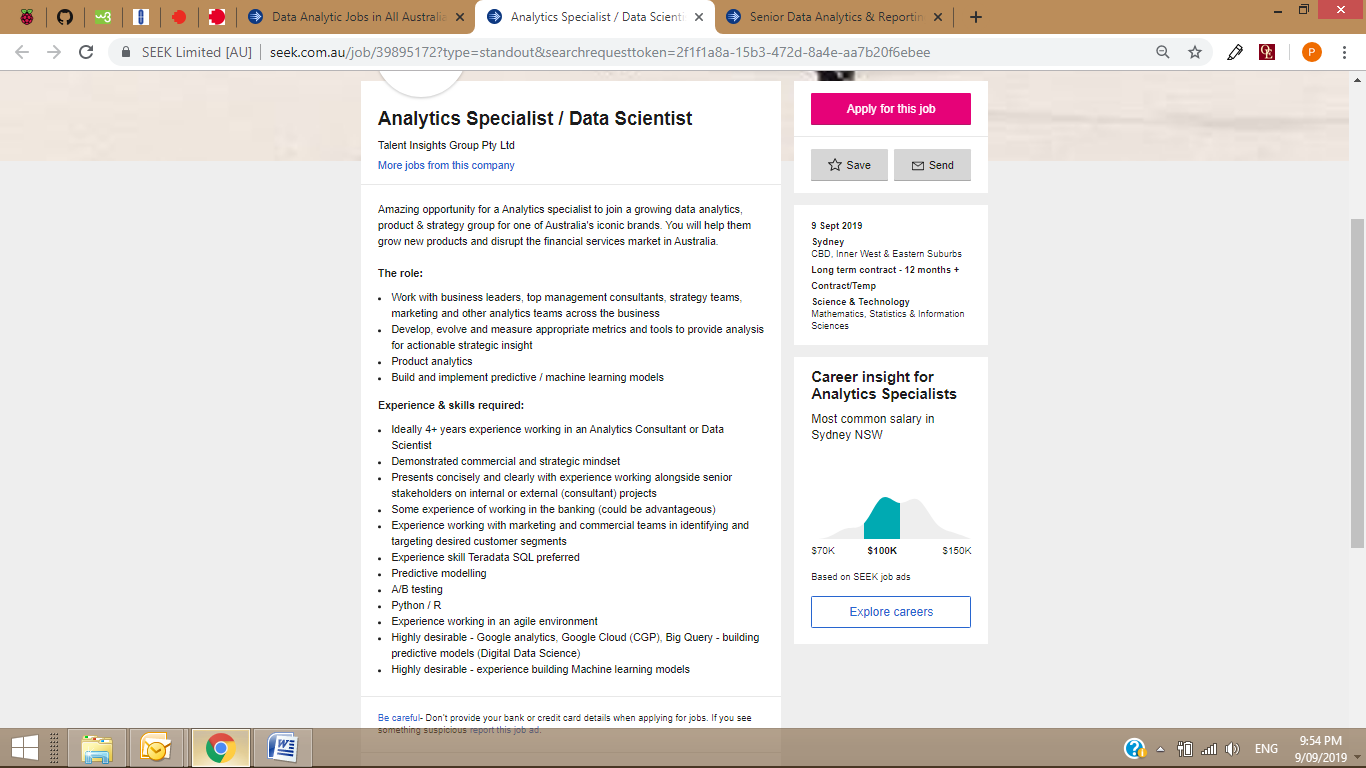
I don’t have too much experience in IT. I have learnt basic concepts along the way through various jobs and being taught by friends and colleagues. I don’t know anything about programming that is why I am here to learn.

I have chosen this course at RMIT as a springboard to continue with further study. I am looking at completing IT and Data Analytics Course through Uni SA next year. Completing this course is my end goal achievement.

I have always been interested in computers ever since I was a kid. I enjoyed pulling them apart and re building them, installing new software or even a new game. I.T. is becoming more and more interesting for me now as most day to day items are fully functional and reliant on some form of computer technology. I keep using cars as a prime example; we are currently in the middle of the next phase in automotive technology, with cars about to go fully electric. Tesla, VW IDR, Audi Etron, Rimac, Rivian, just to name a few. I work for VW and can see firsthand the transition happening. The technology being deployed in Petrol engines cars is phenomenal. So many features and functions enabling semi autonomous functions such as lane assist, Active Cruise Control, lane guidance.

The outcome I wish to achieve from this course is to gain a qualification and enter the IT industry and have a fulfilling career in something I enjoy, computing. I don’t know why I haven’t studied previously or pursued a career in IT; it is only recently that I have found a course that sparked my interest enough to get back into studying, and that is the IT and Data Analytics course.

SEEK. (2019). [online] Available at: https://www.seek.com.au/job/39895172?type=standout&searchrequesttoken=2f1f1a8a-15b3-472d-8a4e-aa7b20f6ebee [Accessed 13 Sep. 2019].



Description of the position in my own words;  
This position is working with several departments within the company, providing analysis, analytics; develop metrics and tools to provide the appropriate software and solutions for the company. Writing code to create useable programmes for staff members.

The appeal of this position for me is the opportunity to work with several departments, working with entry level and management staff, having the ability to develop programmes, analysing product data, multitasking. The chance to developing something that people can use and contribute to a team is my appeal. I am open minded, always open to suggestions, and enjoy brain storming to come up with ideas to improve helping people.

The skills required for this position range from a variety of requirements. Obviously programming is a must, team orientated, industry experience if required for the position, positive mindset.

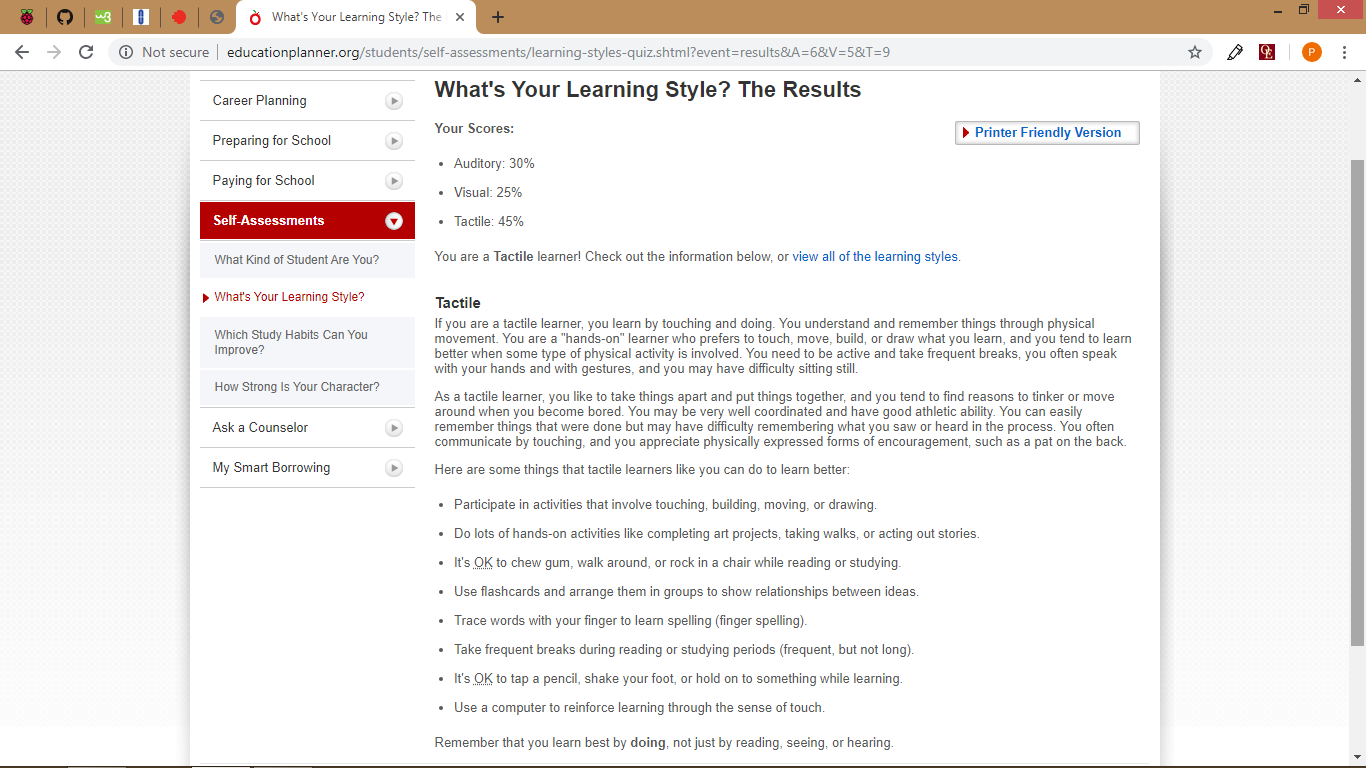
My current skill set in IT would be at a very intermediate level. That is why I am studying this course to gain the knowledge required to enter the industry.

I am working towards studying IT and Data Analytics to help me gain employment in the IT industry. I am slowly building my experience by starting off with IT and Programming.

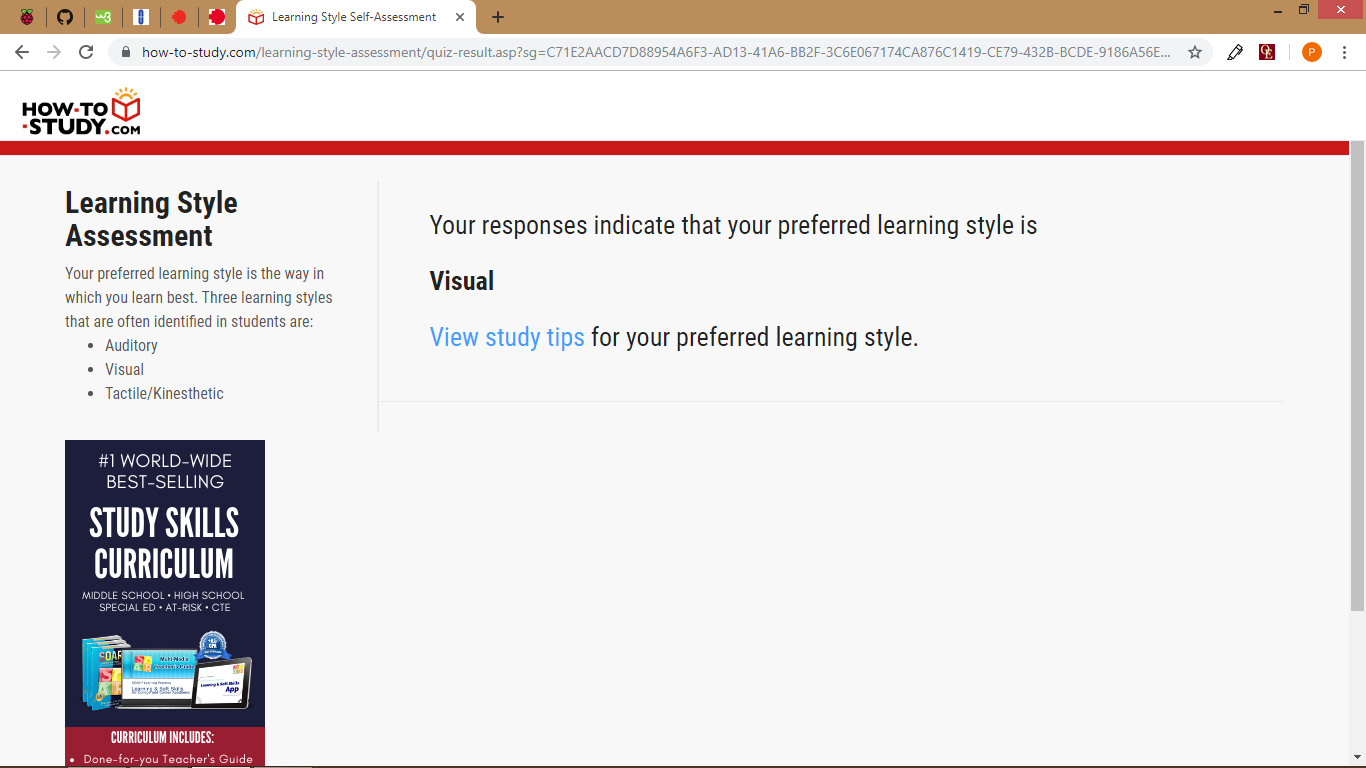
Humanmetrics.com. (2019). *ENFJ: Leverage Your Personality Type*. [online] Available at: http://www.humanmetrics.com/personality/enfj-type?EI=47&SN=-72&TF=-3&JP=34 [Accessed 13 Sep. 2019].



Educationplanner.org. (2019). *What's Your Learning Style? 20 Questions*. [online] Available at: http://www.educationplanner.org/students/self-assessments/learning-styles-quiz.shtml?event=results&A=6&V=5&T=9 [Accessed 13 Sep. 2019].



Anon, (2019). [online] Available at: https://www.how-to-study.com/learning-style-assessment/quiz-result.asp?sg=C71E2AACD7D88954A6F3-AD13-41A6-BB2F-3C6E067174CA876C1419-CE79-432B-BCDE-9186A56E5023C94E3536-A7F7-42AE-8AA3-7023DE8474268FC2CD14-5F78-4968-B124-4E1FD028BF5E [Accessed 13 Sep. 2019].



The results of these 3 tests confirm my personality traits. I have done Meyers Briggs test for job interviews before. I am not surprised by the outcome or the feedback provided.

These results won’t really affect how I perform in a team. I fully understand that a team effort involves input from all parties to be successful, to be able to complete the project; everyone in the team is required to have some sort of contribution. Every individual is different, everyone has strengths and weakness, it is important to find everyone’s strengths and focus on them.

When forming a team, for me, it is important to find a well balanced group of people to be in a team with, to get a good mix of different strengths, to share the work load out. Structure is important when doing team work, set guidelines and time lines are important. Discussions and being able to give constructive criticism is important to gain the best possible mark.

My passion lies with automobiles/cars, and pretty much anything that has an engine. My project idea would centre around an app for electric vehicles and home control system. My project would be an app that has full integration of electric vehicles, home solar and battery storage systems, and any other home device that is electronic, such as air conditioner, alarms, CCTV cameras, home appliances, set top boxes, there is no limit really.

What makes my project useful is, being able to control all your electronics from the one app. Being able to check how much charge is left in your car’s battery, how much energy your solar system is generating. There were 19.5 million registered motor vehicles as at 31 January 2019, and in 2016, there were approximately 9 Million homes in Australia. Developing an app that pulls data from all these sources, I believe there is a market for an app that combines all your resources into one app.

The product I wish to create would entail an app that draws on various items and programmes that control household items.

The features I would build into my app would be simplicity. Having a single item to refer to, rather than several individual apps.   
Being able to receive an alert when your car battery is charged, to then be able to disconnect the car from the charger. Most electric cars run off a 3 phase electrical plug, not a standard 240 Volt household plug. It will also depend on the battery backup/solar system installed in the house, how much power is generated, how much power can be stored in the batteries.   
An app that can provide alerts when home battery is getting low, when power consumption is excessive or too high. Being able to monitor and control electrical items from one app, to be able to control power usage. For example, turning on air conditioning in summer, and limiting other electrical items, closing blinds to keep the heat out. Finding lights that are on that don’t need to be on. Switching off a TV that was left on. Having the ability to control all that from one application.

The tools and technology required for this would be massive. I am aware there will need to be quite a lot of codes written to be compatible, and the app would have to be diverse enough to cope with various technologies. Phonegap is one development program that could be used. Utilises JavaScript coding language, and is a hybrid style cross platform application development tool. There would be a high level of security required to be built into this project, as controlling so many things on 1 application can leave one open to hacking, which in this case, would be disastrous, considering everything that this 1 app can control. Security measure would be the number 1 priority. Whether is multi phase authentication, facial ID or even fingerprint. Security would be a big challenge.

Medium. (2019). *5 Must-Try Open Source Mobile App Development Frameworks*. [online] Available at: https://android.jlelse.eu/5-must-try-open-source-mobile-app-development-frameworks-933a1a5f5a6c [Accessed 13 Sep. 2019].

The skill level required to create a project like this would be an expert level. There would be substantial code required to be written. It would require programming of a collection of apps to be built into 1 application to manage all these products. Being an application, it would require the correct software to be able to write code and set up the application programme.

A project of this size would not be feasible without a vast knowledge of programming and coding. Being able to understand how to combine all this together, this is why I have chosen to study this course to be able to aim to create something of this magnitude.

The potential outcome of an application like this has massive potential. To give consumers a product they can use to control several items. A development like this, if successful, could have a massive growth potential, with popularity of an app, other organisations will want to get their product on board. Increasing downloads and users. With new products coming out almost every week, this app would have to constantly be updated. With new master app version, software upgrades, it would require a lot of maintenance to keep all the data up to date and relevant.

Thank you

Regards

Peter Stamatopoulos